

CENTRAL INTELLIGENCE AGENCY

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One unidentified workshop, surrounded by three to four wire fences, was guarded by sentries with watch dogs. A building, 1,320 x 330 feet, extending north-south, was particularly noted.

6. Work Force: No exact figures could be given. The number of workers was increased in 1947. About fifty percent of the work force were women. There were also about a hundred Stalin students and from 10 to 20 Germans from the Soviet Zone of Germany. Work was done in three 8-hour shifts. The number of workers on the night shift was very small.
7. Production:
 - a. Two types of radial engines, allegedly for fighters. The larger type of engine was shipped by air from the factory airfield. One twin-engine plane picked up finished engines every two days. The smaller type of engine was installed in fighters. This engine was about 15 inches wide, 50 inches long, and 44 inches in diameter. It was probably air-cooled, as no water containers were observed at the test stand.
 - b. Occasionally motorcycles were shipped from the plant on trucks.
 - c. The four engine test stands were in operation day and night.
8. Other observations: The plant was guarded by a special factory guard and MVD personnel, allegedly assigned to the 101st Regiment, which was not stationed in ZAPOROZHE. The MVD guards were mostly young soldiers, from 19 to 20 years old. Five or six officers, including an air force major and a naval officer, were constantly seen at the plant.
9. Factory Airfield: Dimensions: 3,500 x 2,650 feet, no runway; loamy soil covered by grass. It was located two miles south-east of the plant; about 2,650 feet west of the military airfield.
10. [redacted] the ZAPOROZHE Aircraft Engine Plant was located about 1,650 feet east of the ZAPOROZHE railroad station. The plant was 75 percent reconstructed. Radial engines, allegedly for light aircraft, are produced. [redacted] the manufacture of motorcycles had been suspended for some time. Motorcycles were not seen.

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- a. The data contained in par 1 thru 9 on the ZAPOROZHE Aircraft Engine Plant have been confirmed by several more recent reports.
- b. Paragraph 12 (reported period: September 1948) shows that the reconstruction work made slow progress but that the stop-gap production of motorcycles has been suspended. This may indicate an increased engine production. The produced engine type cannot be determined from the report. Of the small radial engines only the M-11 (5 cylinders) and the ASh-21 (seven cylinders) are being built in the USSR. The manufacture of double-row radial engines similar to the BMW-801 is also concordantly mentioned.

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